

AMENDMENTS TO THE SPECIFICATION

Please replace Paragraph [0023] with the following paragraph rewritten in amendment format:

[0023] Referring to FIG. 2, a motor 214 114 is coupled to the pump 204 104 in order to provide the pump with mechanical energy to enable the pump 206 104 to generate a supply of air. In the present example, the pump is configured as a direct drive wherein a drive shaft included on a motor 214 114 directly provides mechanical energy to the pump (or through a gear assembly). In further embodiments, various transmission systems may be utilized (e.g., a belt drive, or the like) for transferring mechanical energy between a motor and the pump.

Please replace Paragraph [0024] with the following paragraph rewritten in amendment format:

[0024] Preferably, a reservoir is included in the compressor. For example, two pressure tanks 106 107 may be pneumatically connected to the pump 104 so as to form a reserve supply of compressed air should an attachment, pneumatically connected to the compressor 100, require air. Suitable reservoir pressure tanks include dual tanks, cylindrical tanks, pancake type tanks, and the like. A condensate removal valve may be included in a reservoir, or adjacent a reservoir for draining any condensate which may accumulate in the reservoir. For example, a pair of commercially available "propane" type tanks (tanks configured for use in propane devices such as portable camp stoves, camp lanterns) are utilized. The implementation of such "propane" tanks may be advantageous in that several tanks may be utilized to obtain the desired capacity, the tanks are typically constructed to hold pressurized

material in the range expected for typical compressors. Preferably, a reservoir is selected in accordance generally with the quantity of air which may be required for an expected tool or tools. For instance, a compressor may be configured for small demand fasteners such as a finish nailer, or for large demand attachments such as framing nailers, impact wrenches, or where multiple small demand tools (in relations to the operating parameters of the pump) are expected.

Please replace Paragraph [0025] with the following paragraph rewritten in amendment format:

[0025] While a reservoir capacity is configured to allow for an expected tool's consumption, additional capacity may result in a less effective compressor. For example, should a user fire several fastener shots in rapid succession the supply of compressed air stored in the two tanks ~~106~~ 107 may have sufficient reserve so that the pump 104 is not required to operate, or the reserve air in the tanks ~~106~~ 107 may allow for the pump 104 to catch up (e.g., recover) with the short term demand. In a further example, if a pressure tank is configured to store a large capacity of air in relation to the amount of air to be consumed by a tool, the compressor's pump must pressurize not only the air which is to be consumed, or likely to be consumed by the pneumatic tool, but also the additional quantity of air which may never be effectively used, to a pre-selected pressure. For example, while one cubic foot of air is likely to be consumed by an associated tool, before the pump is required to recharge, a system having 2 cubic feet capacity may not make effective use of the additional storage capacity. Further, if the tank system is included in a compressor capable of operating from a battery source, it may be preferable to include a valve to pneumatically isolate an individual tank so that

a user may have the option of operating from a smaller reservoir in order to diminish the excess pneumatic storage capacity and thereby allow a pump to generate a greater quantity of useable air. For example, if a carpenter is utilizing a brad nailer, while the compressor is operating from battery power, a second storage tank may be unnecessary for the brad nailer's demand. Thus, a user may isolate a first tank to make more efficient use of the electricity stored in the battery. In the preceding example, the compressor pump is thus freed-up from having to re-pressurize or recharge the second tank when the compressor's system pressure drop below a minimum pressure. Alternatively, a reservoir, included in a battery powered compressor, may be sized so as to minimize the amount of excess air storage capacity in relation to the pump such that the power provided by a battery source results in a maximized amount of useful air.

Please replace Paragraph [0026] with the following paragraph rewritten in amendment format:

[0026] Representative tools include pneumatic fasteners, pneumatic tools such as impact wrenches, air ratchets, air powered sanders, blow guns, fill needles, and the like. These types of tools may be connected via a pneumatic hose configured to transport compressed air. Suitable hoses may be configured to transport air having a pressure generally in the range of 90 psi (pounds per square inch) to 200 psi (pounds per square inch). For example, a pneumatic stapler may be connected via a quick connect coupling to a hose which in-turn is quick connect coupled to a compressor. Referring now to FIG. 1, preferably a manifold 108 may be included on the compressor 100 with a pressure gauge 110 for indicating the supply pressure and a valve 112 such as a diaphragm valve, or the like for regulating the pressure to the attachment. In the

current embodiment, several quick connect couplings may be included into the manifold for coupling several pneumatic devices to the compressor. A relief valve/bleed valve 216 (**FIG. 2**) may be included to prevent the compressor's system pressure from exceeding a pre-selected limit, or to allow for quick pressure reduction. Quick connect couplings may include a spring biased female connector for receiving a male connector therein.

Please replace Paragraph [0027] with the following paragraph rewritten in amendment format:

[0027] Referring to **FIGS. 2 and 3**, an electrical system is included in the compressor 200 100. The electrical system is electrically connected to the motor 214 114. At least one docking station, for receiving a removable battery, is included in the electrical system. In the present embodiment, two docking stations, (respectively a first docking station 218 and a second docking station 220) are included into the electrical system. In embodiments where multiple docking stations are utilized, the compressor electrical system may be constructed so as to draw electricity from batteries (received in the docking stations) in parallel, or concurrently such as when power is unavailable from a conventional power source (e.g. commercially available alternating current source). In additional embodiments, a user operated switch may be included to allow the user to select from which battery/docking station power is to be drawn. Alternatively, an automatic switch may be included to switch from a first battery/docking station to second docking station based on a removable battery's available power, if a battery is coupled to the docking station, and the like.

Please replace Paragraph [0028] with the following paragraph rewritten in amendment format:

[0028] Preferably, a docking station 218, 220 is configured to receive a rechargeable battery 222, 224 such as a battery constructed to be utilized with a (cordless or battery powered) tool. For example, a rechargeable removable battery may be configured to operate with an individual tool, or more preferably, a family of tools. Representative suitable tools include drills, circular saws, reciprocating saws, flashlights, routers, jig saws, sanders, radios, and the like. For instance, a docking station may be constructed to physically (by a particular rail/groove system) and electrically (via a complimentary electrical terminal system) receive a removable rechargeable battery such as a tool battery. Preferably, the docking station is constructed to operate with the battery operating in the range of approximately 12V (twelve volts) to 24V (twenty-four volts). For example, the compressor may be configured to operate in conjunction with a 19.2V (nineteen point two volt) INTERCHANGEABLE NETWORK battery such as sold by Porter-Cable Corporation, Jackson, TN. Those of skill in the art will appreciate that other commercially available proprietary battery systems such as a 30V (thirty volt) battery may be implemented as desired. In advantageous embodiments, a docking station is configured so as to prevent dust and debris from fouling or preventing a battery from being received in the docking station. For instance, a docking station may be configured so that dust falls away from the area in which a battery is received. In still further embodiments, a cover is included for preventing the ingress of dust and debris into the portion of the docking

station for receiving the battery. Suitable covers include hard sliding covers, flexible flap type covers and the like.

Please replace Paragraph [0035] with the following paragraph rewritten in amendment format:

[0035] Referring now to **FIGS. 7 and 8**, in a further embodiment of the invention a retractable electrical cord 726 is included in a compressor 700. For example, a biased reel 828 may be included for retracting a electrical cord for storage.